

## REACTIVITY OF COMMERCIALLY AVAILABLE CROSS-LINKERS

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APPENDIX A

Double-Agent Cross-Linker Acronym	Reactive Towards										Cleavable By			
	-NH <sub>2</sub> Amines	-SH Sulphydryls	Carbohydrates	Non-selective (Photo-reactive)	-COOH Carboxyls	Thiols	Base	Periodate	Hydroxylate					
ABH			X			X								
ANB-NOS	X				X									
APDP		X			X									
APG					X									
ASIB		X			X									
ASBA						X		X						
BASED						X								
BS <sup>1</sup>	X													
BMH			X											
BSOCES		X												
DEFNB		X												
DNA			X											
DMP			X											
DMS			X											
DODB						X								
DSC						X								
DSP						X								

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SUBSTITUTE SHEET (RULE 26)

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Double-Agent Cross-Linker Acronym	Reactive Towards										Cleavable By			
	-NR <sub>2</sub> Amines	-SR Sulfhydryls	Carbohydrates	Non-selective (Photo-reactive)	-COOH Carboxylic	Thiols	Base	Periodate	Hydroxylamine					
DSS	X										X			
DST	X										X			
DTBP	X										X			
DSSP	X										X			
EDC	X										X			
ECS	X													
GHS	X	X	X											
HSAB	X													
LC-SPDP	X	X	X											
NBS	X										X			
H <sub>2</sub> C <sub>2</sub> H			X	X										
MPBH			X	X										
NHS-NSA		X									X			
PDPK				X										
PNP-DTP				X										
SAADP				X							X			
SRED				X							X			
SRAD		X									X			

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## APPENDIX A

Double- End Cross-Linker Acronym	Reactive Towards							Cleavable By				
	-NH <sub>2</sub> Amines	-SH Sulfhydryls	Carbohydrates	Nan- selective (Photo- reactive)	-COOH Carboxyls	Thiols	Base	Periodate	Hydroxylamine			
SANPAH	X				X							
SASD	X				X							
SDBP	X											
SIAB	X	X										
SMCC	X	X										
SHBP	X	X										
SKPT	X	X										
SPDP	X	X			X							
Sulfo-BSOCOES	X				X							
Sulfo-DST	X				X							
Sulfo-EGS	X											
Sulfo-GMBS	X	X										
Sulfo-HSAB	X				X							
Sulfo-LC-SPDP	X				X							
Sulfo-MBS	X	X										
Sulfo-NHS-ASA	X											
Sulfo-LC-ASA	X											
Sulfo-SPDP	X											

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APPENDIX A

Double-Agent Cross-linker Aerzyme	Reactive Towards						Cleavable By		
	-NH <sub>2</sub> Aminos	-SH Sulphydryls	Carbohydrates	Non- selective (Photo- reactive)	-COOH Carboxyls	Thiols	Base	Periodate	Hydroxylains
Sulfo-SANCA	X			X					
Sulfo-SANPAH	X				X				
Sulfo-SAPB	X				X				
Sulfo-SIAB	X				X				
Sulfo-SMKC	X				X				
Sulfo-SMBP	X				X				
Sulfo-IC-SMPT	X				X				

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